

GLIDESLOPES FOR DIFFERENT SPEEDS, DESCENT RATES, and APPROACH ANGLES

Ground Speed	Imperial					Ground Speed	Metric				
	Glideslope			Starting altitude			Glideslope			Starting altitude	
	Descent rate ft/nm	Angle ft/min	°	At 5 nm ft	At 10 nm ft		Descent rate m/km	Angle m/s	°	At 10 km m	At 20 km m
125 kts	212	442	2.00	1061	2121	230 km/h	35	2.23	2.00	349	698
	240	500	2.26	1200	2400		47	3.00	2.69	470	939
	300	625	2.83	1500	3000		50	3.19	2.86	500	1000
	318	663	3.00	1591	3182		52	3.35	3.00	524	1047
	360	750	3.39	1800	3600		63	4.00	3.59	626	1252
	400	833	3.77	2000	4000		65	4.15	3.72	650	1300
	424	884	4.00	2121	4242		70	4.46	4.00	698	1396
	480	1000	4.53	2400	4800		78	5.00	4.48	783	1565
135 kts	212	477	2.00	1061	2121	250 km/h	35	2.42	2.00	349	698
	222	500	2.10	1111	2222		43	3.00	2.48	432	864
	300	675	2.83	1500	3000		50	3.47	2.86	500	1000
	318	716	3.00	1591	3182		52	3.64	3.00	524	1047
	333	750	3.14	1667	3333		58	4.00	3.30	576	1152
	400	900	3.77	2000	4000		65	4.51	3.72	650	1300
	424	955	4.00	2121	4242		70	4.85	4.00	698	1396
	444	1000	4.19	2222	4444		72	5.00	4.13	720	1440
145 kts	207	500	1.95	1034	2069	270 km/h	35	2.62	2.00	349	698
	212	513	2.00	1061	2121		40	3.00	2.29	400	800
	300	725	2.83	1500	3000		50	3.75	2.86	500	1000
	310	750	2.93	1552	3103		52	3.93	3.00	524	1047
	318	769	3.00	1591	3182		53	4.00	3.06	533	1067
	400	967	3.77	2000	4000		65	4.88	3.72	650	1300
	414	1000	3.90	2069	4138		67	5.00	3.82	667	1333
	424	1025	4.00	2121	4242		70	5.24	4.00	698	1396
155 kts	194	500	1.82	968	1935	290 km/h	35	2.81	2.00	349	698
	212	548	2.00	1061	2121		37	3.00	2.13	372	745
	290	750	2.74	1452	2903		50	4.00	2.85	497	993
	300	775	2.83	1500	3000		50	4.03	2.86	500	1000
	318	822	3.00	1591	3182		52	4.22	3.00	524	1047
	387	1000	3.65	1935	3871		62	5.00	3.56	621	1241
	400	1033	3.77	2000	4000		65	5.24	3.72	650	1300
	424	1096	4.00	2121	4242		70	5.62	4.00	698	1396
165 kts	182	500	1.71	909	1818	310 km/h	35	3.00	2.00	348	697
	212	583	2.00	1061	2121		35	3.01	2.00	349	698
	273	750	2.57	1364	2727		46	4.00	2.66	465	929
	300	825	2.83	1500	3000		50	4.31	2.86	500	1000
	318	875	3.00	1591	3182		52	4.51	3.00	524	1047
	364	1000	3.43	1818	3636		58	5.00	3.33	581	1161
	400	1100	3.77	2000	4000		65	5.60	3.72	650	1300
	424	1167	4.00	2121	4242		70	6.01	4.00	698	1396
175 kts	171	500	1.62	857	1714	330 km/h	33	3.00	1.88	327	655
	212	619	2.00	1061	2121		35	3.20	2.00	349	698
	257	750	2.42	1286	2571		44	4.00	2.50	436	873
	300	875	2.83	1500	3000		50	4.58	2.86	500	1000
	318	928	3.00	1591	3182		52	4.80	3.00	524	1047
	343	1000	3.23	1714	3429		55	5.00	3.13	545	1091
	400	1167	3.77	2000	4000		65	5.96	3.72	650	1300
	424	1237	4.00	2121	4242		70	6.40	4.00	698	1396

Bolded numbers indicate the fixed reference parameter for the indicated glideslope.

BAROMETRIC PRESSURE CONVERSION TABLE

mBar hPa	in Hg	Torr mm Hg	mBar hPa	in Hg	Torr mm Hg	mBar hPa	in Hg	Torr mm Hg
919	27.14	747.6	971	28.68	754.4	1023	30.21	761.3
920	27.17	747.7	972	28.70	754.6	1024	30.24	761.4
921	27.20	747.9	973	28.73	754.7	1025	30.27	761.5
922	27.23	748.0	974	28.76	754.8	1026	30.30	761.7
923	27.26	748.1	975	28.79	755.0	1027	30.33	761.8
924	27.29	748.3	976	28.82	755.1	1028	30.36	761.9
925	27.32	748.4	977	28.85	755.2	1029	30.39	762.1
926	27.34	748.5	978	28.88	755.4	1030	30.42	762.2
927	27.37	748.7	979	28.91	755.5	1031	30.45	762.3
928	27.40	748.8	980	28.94	755.6	1032	30.48	762.5
929	27.43	748.9	981	28.97	755.8	1033	30.50	762.6
930	27.46	749.0	982	29.00	755.9	1034	30.53	762.7
931	27.49	749.2	983	29.03	756.0	1035	30.56	762.9
932	27.52	749.3	984	29.06	756.2	1036	30.59	763.0
933	27.55	749.4	985	29.09	756.3	1037	30.62	763.1
934	27.58	749.6	986	29.12	756.4	1038	30.65	763.3
935	27.61	749.7	987	29.15	756.5	1039	30.68	763.4
936	27.64	749.8	988	29.18	756.7	1040	30.71	763.5
937	27.67	750.0	989	29.21	756.8	1041	30.74	763.7
938	27.70	750.1	990	29.23	756.9	1042	30.77	763.8
939	27.73	750.2	991	29.26	757.1	1043	30.80	763.9
940	27.76	750.4	992	29.29	757.2	1044	30.83	764.0
941	27.79	750.5	993	29.32	757.3	1045	30.86	764.2
942	27.82	750.6	994	29.35	757.5	1046	30.89	764.3
943	27.85	750.8	995	29.38	757.6	1047	30.92	764.4
944	27.88	750.9	996	29.41	757.7	1048	30.95	764.6
945	27.91	751.0	997	29.44	757.9	1049	30.98	764.7
946	27.94	751.2	998	29.47	758.0	1050	31.01	764.8
947	27.96	751.3	999	29.50	758.1	1051	31.04	765.0
948	27.99	751.4	1000	29.53	758.3	1052	31.07	765.1
949	28.02	751.5	1001	29.56	758.4	1053	31.10	765.2
950	28.05	751.7	1002	29.59	758.5	1054	31.12	765.4
951	28.08	751.8	1003	29.62	758.7	1055	31.15	765.5
952	28.11	751.9	1004	29.65	758.8	1056	31.18	765.6
953	28.14	752.1	1005	29.68	758.9	1057	31.21	765.8
954	28.17	752.2	1006	29.71	759.0	1058	31.24	765.9
955	28.20	752.3	1007	29.74	759.2	1059	31.27	766.0
956	28.23	752.5	1008	29.77	759.3	1060	31.30	766.2
957	28.26	752.6	1009	29.80	759.4	1061	31.33	766.3
958	28.29	752.7	1010	29.83	759.6	1062	31.36	766.4
959	28.32	752.9	1011	29.85	759.7	1063	31.39	766.5
960	28.35	753.0	1012	29.88	759.8	1064	31.42	766.7
961	28.38	753.1	1013	29.92	760.0	1065	31.45	766.8
962	28.41	753.3	1014	29.94	760.1	1066	31.48	766.9
963	28.44	753.4	1015	29.97	760.2	1067	31.51	767.1
964	28.47	753.5	1016	30.00	760.4	1068	31.54	767.2
965	28.50	753.7	1017	30.03	760.5	1069	31.57	767.3
966	28.53	753.8	1018	30.06	760.6	1070	31.60	767.5
967	28.56	753.9	1019	30.09	760.8	1071	31.63	767.6
968	28.59	754.0	1020	30.12	760.9	1072	31.66	767.7
969	28.61	754.2	1021	30.15	761.0	1073	31.69	767.9
970	28.64	754.3	1022	30.18	761.2	1074	31.72	768.0

Bolded numbers indicate standard barometric pressure at sea level (QNH).